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Task 5

Progress Report #7 - Phase II, Model "C"

Objective:

To produce four (4) developmental models of a miniature IR voice communicator, incorporating certain modifications resulting from evaluation of the design approval models shipped June 29, 1956.

Data - Work has started on production of a formal set of manufacturing drawings. All those components, electrical or mechanical, that are not involved in the modification can be drawn at this time. Drawings of parts now on informal sketches can be made, but must await final assembly of the equipment before they can be released.

Approximately 95% of the electrical and electronic components are on hand, with the balance on order for delivery in early December.

Four (4) Galvanometers of the lower sensitivity which were on hand, and also used in the Model "E" equipment, have been returned for modification, and additional high sensitivity Galvanometers have been ordered. Delivery of all of these is expected in mid-January.

Optical glass and metal parts are all on hand and are being finished and assembled.

Additional mechanical design personnel have been made available to expedite and formalize the detail mechanical changes indicated by the evaluation of the prototypes. A detailed breakdown of these changes, and their solution will be given in the next report.

Program for next interval: Electronic sub-assemblies will be completed, as will the optical sub-assemblies. Design changes in main chassis and outer case should be completed, and trial assemblies of complete equipments started.

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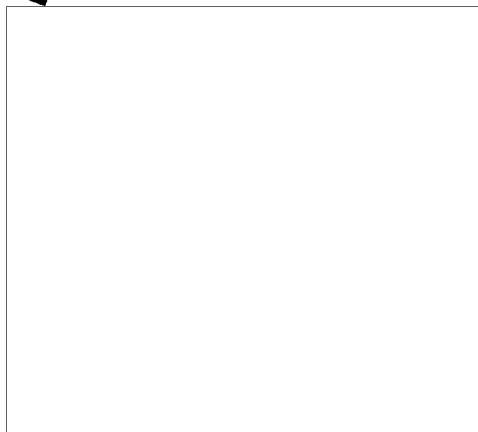
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